## Before the FEDERAL COMMUNICATIONS COMMISSION Washington, D.C. 20554

in the Matter of	
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The	Southern	New	England	Telephone	Compan	v
	000000000000000000000000000000000000000		~11510110	I OIOPHOHO	Compan	7

<b>FILE</b>	No.	
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Petition for Declaratory Ruling and Order Preempting the Connecticut Department of Public Utility Control's Decision Directing The Southern New England Telephone Company To Unbundle Its Hybrid Fiber Coaxial Facilities.

## Declaration of Don McGregor

- 1. My name is Don McGregor, and I am over the age of 18.
- I am currently the Chief Financial Officer of The Southern New England
   Telephone Company ("SBC Connecticut"). My business address is 310 Orange Street, New
   Haven, Connecticut.
- 3. I am familiar with SBC Connecticut's decommissioned hybrid fiber-coaxial ("HFC") facilities, and with the costs that would be required to deploy new plant and the other equipment necessary to reactivate that network, as well as the costs to operate and maintain those facilities.
- I have analyzed and estimated the specific reactivation costs and upgrade expenses that SBC Connecticut would be forced to incur if it were required to make the HFC network available to Gemini and other carriers on an unbundled basis. Those costs include each of the following:
  - a. Reactivating power supply and re-deploying batteries more than \$0.5 million;
  - b Deploying and activating nodes and amplifiers more than \$4.0 million;
  - c. Replacing previously removed coaxial plant more than \$3.0 million;

- d. Non-recurring start-up costs, including the cost of training a dual workforce more than \$1.5 million; and
- e. Reserve for unforeseen contingencies (15 percent of plant and equipment costs) more than \$1.0 million.

Total Estimate:

More than \$10.0 million

5. I have additionally analyzed and estimated the ongoing costs that SBC Connecticut would annually incur to operate the HFC facilities that SBC Connecticut has been directed to unbundle. These costs, which include (but are not limited to) power supplies and workforce related expenses, total in excess of \$4.7 million per year.

Don McGregor
Chief Financial Officer

STATE OF CONNECTICUT )

ss: New Haven

February 9, 2004

COUNTY OF NEW HAVEN )

Subscribed to and sworn before:

**Notary Public** 

PHILOMENA FRANCO NOTARY PUBLIC BY COMMISSION DAVIDES TER: 2015

Pagè 1 THIS TRANSCRIPT CONTAINS 133 PAGES 2 NUMBERED 1 THROUGH 133 3 4 DRAFT 5 FOR REVIEW AND CORRECTION PURPOSES ONLY 6 7 STATE OF CONNECTICUT 8 DEPARTMENT OF PUBLIC UTILITY CONTROL 9 10 Docket No. 03-01-02 11 Petition of Gemini Networks Connecticut, 12 Incorporated for Declaratory Ruling Regarding 13 Southern New England Telephone Company's Unbundled Network Elements 14 15 16 Oral Arguments held at the Department of 17 Public Utility Control, 10 Franklin Square, 18 New Britain, Connecticut, on December 10, 19 2003, beginning at 11:05 o'clock a.m. 20 21 Before: Held The Hon. JACK R. GOLDBERG, Chairperson 22 23 The Hon. DONALD DOWNES, Commissioner

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1	Page 2 Appearances:	1	Page 4 THE CHAIRPERSON: Good
2	For Southern New England Telephone	2	morning. We're here this morning for oral
3	Company:	3	arguments on Docket 03-01-02, Petition of
4	SBC SOUTHERN NEW ENGLAND TELEPHONE	4	Gemini Networks Connecticut, Incorporated,
5	COMPANY	,   5	for Declaratory Ruling Regarding Southern New
6	310 Orange Street	6	England Telephone Company's Unbundled Network
7	New Haven, Connecticut 06510	7	Elements.
8	By: GEORGE MOREIRA, ESQ.	8	I'm Commissioner Jack
9	PEGGY GARBER, ESQ.	9	Goldberg, Chairman of this panel. With me is
10	redui danden, esq.	10	the Chairman of the agency, Donald Downes.
111	Also present for SBC/SNET:	11	Commissioner Jack Betkoski, the third member
12	JOHN ANDRASIK	12	of this panel cannot be here today and will
13	30 III AMBIAOM	13	review the transcript once it is available.
14	Far Gemini Network, Inc:	14	Can I have appearances?
15	MURTHA, CULLINA, LLP.	15	MR. MOREIRA: George Moreira
16	CityPlace I	16	and Peggy Garber for the Southern New England
17	185 Asylum Street	17	Telephone Company, Commissioners.
18	Hartford, Connecticut 06103-3469	18	MS. JANELLE: I'm Jennifer
19	By: JENNIFER D. JANELLE, ESQ.	19	Janelle, this is Dwight Johnson, from Murtha
20	DWIGHT JOHNSON, ESQ.	20	Cullina on behalf of Gemini Networks
21	bitteri sombon, eog.	21	Connecticut. We also have Rich Rollinson
22	For the Office of Consumer Counsel:	22	from Gernini Networks with us.
23	WILLIAM VALLEE, ESQ.	23	THE CHAIRPERSON: Thank you.
24	**************************************	24	MR. VALLEE: William Vallee
25		25	for the Office of Consumer Counsel.
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	Page 3		Page 5
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As you guys all know, I like to draw. Here we go, State of Connecticut. start simple. In blue will generally be our copper-based network, what is unbundled throughout the State of Connecticut, which is made up of numerous central offices throughout the state, interconnected through with fiber and copper, and I'm not going to put all hundred or so central offices that are out there, but that's what it generally would look like.

12 13 Off of the central office. 14 which is really what we're kind of talking 15 about in this docket, is a loop or a quasi-loop. In our network, which is 16 17 currently unbundled -- I'll make the central 18 office bigger -- there's a main distribution 19 frame inside that office. From there, there 20 are copper pairs that will run out to various 21 people's homes, and you have, in our network, 22 a dedicated copper pair that goes to your 23 house. So you have a copper pair, I have a 24 copper pair. We each have our own individual 25 copper pair.

underground conduit, as it may be, depending on the given area of the state, that you'll have roughly 3100 miles of co-ax. Those are the facilities that Gemini would like unbundled in this case and that you have tentatively ordered be unbundled.

Page 8 i

These facilities differ from our copper-based network. Think of it as an Apple computer and an IBM computer, different platform altogether.

This platform is a shared network. What do I mean by "shared"? You don't have a dedicated copper twisted pair that goes to your house, Commissioner, and then I have a separate one that goes to my house. Think of a big tube of which we all connect into, and that is a shared platform.

Ours, on the other hand, has a dedicated twisted pair that goes from point to point.

In addition, this red that's throughout the state, that was paid for solely by the shareholders of SNET/SBC. In Docket 00-08-14 the Department let us close down SPV. We took all the SPV assets off our

Page 7

1 This network is unbundled 2 according to state and federal law. It's 3 priced at TSLRIC, so if any given company 4 comes and they want to purchase, maybe transport between two central offices, you 6 can get that at UNE prices. If you win a customer and you want to get a loop to someone's home, maybe Mrs. Smith up here in Litchfield, you want that loop, you can get 10 that at unbundled pricing and that goes along with switching and whatever other components 11 12 of our network that are required to be 13 unbundled. That's our network. That's also a circuit-switched dedicated network. 14 Now, the facilities 15

we're talking about here today were facilities that were used by SPV, our cable company that is now defunct, that are out on poles throughout the state of Connecticut at different points on this -- throughout the state.

They do not go to the main distribution frame. They are not connected to our network. They are not part of our network. It's basically from pole to pole or

Page 9 books, took the loss to the shareholders.

And we've complied with that disposition work

because we have sold the video pieces that we could sell. There still are some amplifiers

and optical nodes out on this network.

Currently -- and I just misspoke -- it's not even a network. It's pieces of a network. Because you'll have a piece here, you'll have a piece here. Even if it's mostly connected, there's no lights on. When you think of your fiber optic now, you turn the light on and you follow it throughout the whole state. You think, Oh, boy, we've got a network. If you went to a NOC and you looked at it, it's not even a network. We just have our pieces of co-ax up on poles, generally speaking. That's the stuff we're talking about here that is being requested to be unbundled.

I kind of wanted to lay that framework to show the differences between what we're talking about here. I will be referring to that throughout the hearing. COMM. DOWNES: Counselor --

MR. MOREIRA: Sure.

Page 10 Page 12 1 COMM, DOWNES: -- let's 1 speaking, yes. 2 return to the part about the shareholders for 2 COMM. DOWNES: Has -- has 3 just a minute here, and I defer, of course. 3 SBC -- I understand you've written off the 4 to my expert colleague, but I was under the loss, and so forth. Has SBC contemplated any 4 5 impression that the SPV system originally was 5 other use for this? I mean, was this 6 built by SNET with contributions from 6 literally a matter of just leaving it on the 7 ratepayers. No? 7 poles and, in effect, abandoning it, if you 8 8 MR. MOREIRA: No. The intent will? 9 of HFC, as we know it, that network, was at 9 MR. MOREIRA: In essence, it 10 some point to replace the copper network, and 10 is abandoned in the sense that it's not going 11 we would have been all HFC throughout the to be used. We don't have any future plans 11 12 whole state of Connecticut. 12 for it, but the only plan that we've had for 13 COMM. DOWNES: I'm with you. 13 it is to sell it. So if anybody wants it, 14 MR. MOREIRA; And so at that 14 they can buy it from us at a fair market 15 point -- and this all really started really 15 value price as negotiated. Because that's 16 post rate of return, we became all reg as 16 how the Gemini whole thing started. 17 this was all proceeding --17 COMM, DOWNES: I see. COMM. DOWNES: Yes. 18 18 MR. MOREIRA: We actually 19 were negotiating at one point. We made a, 19 MR. MOREIRA -- so there is no 20 hey, you want to buy it for "X" dollars? 20 really ratepayer place to get the money from. So as this starts being built in the mid 90s. They never responded and then came to you for 21 21 just as we're getting into all reg, and we've 22 unbundling. 22 COMM. DOWNES: Okay. been in all reg now probably eight years or 23 23 MR. MOREIRA: So if there's 24 so, since the mid '90s, so there really is no 24 25 25 ratepayer place to go from, and then at the an investor out there that would like to buy Page 11 Page 13 1 the co-ax plant that's out there, give us a 1 end of the day it didn't matter because the 2 loss was supposed to be borne by the 2 call. 3 COMM. DOWNES: Okav. And 3 shareholders. And that is more of an aside. 4 last question, and then I promise I'll let 4 It's not a central piece to the argument. 5 you finish your presentation. 5 But there were arguments raised that, hey, 6 As I understand -- as I 6 the ratepayers paid for this and therefore it 7 7 understand the proposal that's in front of us is a community good that should be out there. at the moment here, Gemini would, in effect, COMM. DOWNES: Yes. 8 be -- be either buying or leasing this 9 9 MR. MOREIRA: So that's more 10 property. I mean, they're making -- their 10 of an aside to the overall argument -proposal would be to make a payment to SBC COMM. DOWNES: I understand. 11 11 and -- as I understood it. Why don't we try 12 12 MR. MOREIRA: -- as opposed 13 to some of the arguments that we raise in the 13 it the other way. Please explain to me what we 14 14 written exceptions. think, at least your understanding of the COMM. DOWNES: I appreciate 15 15 deal, would be. How about that? 16 16 that. MR. MOREIRA: My 17 MR. MOREIRA: Because it 17 understanding of the deal currently, based on 18 wasn't really addressed in the draft 18 the draft decision, is that the Department 19 19 decision, but it is a critical element. 20 COMM. DOWNES: Let me pursue 20 said, SNET, you're wrong, this is subject to unbundling rules. We have the jurisdictional 21 a little different piece. You were 21 22 explaining that what's left now isn't really 22 authority to unbundle it. 23 a network, it's pieces of a network. It's 23 COMM. DOWNES: Right. some disconnected segments of various kinds. 24 24 MR. MOREIRA: Gemini meets 25 MR. MOREIRA: Generally 25 the impairment standard; therefore, they're

tan tang pangang pangang banang pangang pangang pangang pangang pangang pangang pangang pangang pangang pangang

Page 14 Page 16 1 entitled to unbundled access, which means 1 piece, and then AT&T to order a different 2 they're entitled to access to those 2 piece, because it's a different platform. 3 facilities at TSLRIC pricing, which would be 3 It's, like I said, an Apple versus an IBM. 4 leasing it at UNE pricing, TSLRIC, which is a 4 For us, when we say two million lines, there 5 cost-plus type pricing. Go ahead, comply 5 literally are two million little lines out 6 with this order, put some cost studies б there that go to everybody's home, and at 7 together, and as they lease a piece, you will 7 some point may get aggregated certainly on 8 charge them, I don't know --8 the transport side, but on the loop side you 9 COMM. DOWNES: Yes. 9 literally have two million little lines. 10 MR. MOREIRA: I don't know 10 There you have, instead of how to do it, but let's assume we did, you 11 11 having your own personal driveway, you have 12 an on ramp that puts you on a bigger highway, know, ten dollars, you know, per whatever. 12 13 COMM. DOWNES: I understand. 13 and we don't know how, which is part of our 14 Okay. 14 argument that will be coming up, we've kind 15 Now, your point a little bit 15 of jumped ahead, but generally speaking we 16 earlier also was that this is a shared 16 don't know how to break that up to say, okay, this company gets this piece, this company 17 network as opposed to the -- well, I'm not 17 18 sure what the alternative form was. 18 gets that piece, this company gets that 19 MR. MOREIRA: Dedicated 19 piece. 20 20 circuit switch network. Gemini, I think, would argue. 21 COMM. DOWNES: Thank you. 21 Hey, you missed the boat, Moreira. We want 22 Now, is one of the 22 to unbundle the whole thing because we'll 23 23 implications of that that another company or just rent the whole thing from you. 24 Presuming that's even an element, which I 24 companies like Gemini could come along and say, Well, gee, that sounds like an 25 would disagree, but that's --25 COMM. DOWNES: I understand. interesting idea, we'd like to also use that 1 1 2 MR. MOREIRA: I think that's 2 ourselves, and then they would also be 3 3 obligated to make payments to you by way of their argument. 4 access charges, lease, however you 4 COMM. DOWNES: I'm just 5 characterize it. Is that a fair rendition? 5 trying to explore the hypothetical here. And MR. MOREIRA: That is a fair 6 final point, and if I understood -- if I 6 7 rendition as to what other companies could 7 misunderstood you, I apologize, but I think what you were trying to say to me was that do. Once you make it a UNE, I have to make 8 8 for anybody to use this, this set of 9 it available on a nondiscriminatory basis to 9 10 facilities, whether it's Gemini or anybody 10 anybody who wants it. Similar to my network that we already have existing here -- and I'm 11 else, they will have to have some sort of an 11 interface that allows them to connect this to calling it mine, it's not really mine -- this 12 12 network, anyone can come and order, any CLEC 13 the rest of the system, if you will. Right? 13 MR. MOREIRA: Absolutely, for can order a given component of it if they've 14 14 15 their system, because Gemini doesn't want to won that given customer. They can order a 15 use any of the blue. They only want the red 16 16 piece of it. and then connect it to their facilities. 17 17 COMM. DOWNES: I get it. MR. MOREIRA: The problem with 18 COMM. DOWNES: I see.

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MR. MOREIRA: Whoever uses it

for whatever purpose, whether you want to use

it for telecommunications, for cable modem

service, which is the kind of company that

Gemini is, for whatever type, voiceover IP,

you're going to have to put whatever network

equipment necessary to make that happen and

this one, no one knows how to unbundle it,

one has come up with an OSS system as far as

we know which allows, you know, Commissioner

presuming it is subject to unbundling. No

Downes' corporation to order this piece of

the network and then Gemini to order that

piece, and then Cox to order a different

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Page 18 Page 20 1 then connect it. That's not to say --1 capability test that the FCC has, the 2 COMM. DOWNES: And that's 2 Department at the bottom of page 36 makes 3 what you meant by the OSS? this very critical finding. It says: "The 3 4 MR. MOREIRA: No, no. That's Department also finds that based on 4 5 separate from the OSS. The OSS is an 5 47-USC-153, subsection 29, the HFC meets the 6 operator support services --6 definition of network element and therefore 7 COMM. DOWNES: The financial 7 must be unbundled." 8 and the billing piece of it? 8 We posit that that is an 9 MR. MOREIRA: It's the 9 incorrect application of law because if you 10 billing and the service piece of it where 10 take a look at 47-153-29, of which may I 11 everyone would go to order it. 11 approach, I have copies for everybody --12 COMM. DOWNES: I get it. 12 COMM. DOWNES: Yes. 13 MR. MOREIRA: That's what the 13 MR. MOREIRA: -- which I've 14 OSS is. This is the equipment that makes it 14 highlighted --15 work. Like anything, I could have a copper 15 COMM. DOWNES: Thank you, 16 spool sitting right here. It's capable for 16 sir. telecommunications but until I hook it up to 17 17 MR. MOREIRA: -- you also 18 something, until I have the electronics --18 have to look at. 19 COMM. DOWNES: Right. So 19 COMM. DOWNES: Now that's 20 20 they really need two things. They need the large enough so that I can read it. 21 physical interface, and they also need the 21 MR. MOREIRA: I made it as 22 OSS, the financial and operations. 22 big as possible. 23 MR. MOREIRA: That's If you take a look at 29, it 23 says: "The term 'network element' means a 24 correct. And to be fair to Gemini, they said 24 25 we'll provide all that stuff to make it work, facility or equipment used in the permission Page 19 Page 21 of telecommunications service." Well, then 1 and if there's a piece that isn't connected, 1 what is a telecommunication service? You 2 we'll connect it. 2 3 have to look at 46, which is on your next 3 COMM. DOWNES: I get it. page, which is basically defined the offenng 4 MR. MOREIRA: That's what 4 5 of telecommunications for a fee directly to 5 they were saying. COMM. DOWNES: Thank you, 6 the public or indirectly to the public, 6 7 basically is what it says. 7 sir. I appreciate it. Sorry to knock you COMM. DOWNES: Uh-huh. 8 8 off course. 9 MR. MOREIRA: No problem. So 9 MR. MOREIRA: If you out 10 those two together, basically to be a network 10 with that context, our first main argument as element this piece of equipment has to be to why the draft decision is in error as a 11 11 used to provide telecommunications for a fee 12 12 matter of law is that the Department has 13 to the public. 13 found in this draft decision that these Just on the statutory 14 coaxial facilities constitute a network 14 threshold, this equipment does not meet that 15 15 element, which is the first step in any definition in any way whatsoever. Those 16 unbundling analysis. 16 little red pieces out there were only used 17 17 On page 36 of the draft for -- when they even were working -- were decision, which I would like to bring 18 18 only used for CATV services. They were never 19 copies -- may I approach, Commissioners? 19 20 COMM. DOWNES: Sure. 20 used, never equipped to provide 21 MR. MOREIRA: I've attached 21 telecommunications, never. 22 pages 35 and 36. If you go on the second 22 Let's just say you say, Well, 23 page, the bottom of page 36, I have it 23 George, I still think it meets that statutory 24 highlighted. 24 framework. The FCC for sure has spoken on 25 25 this; they've interpreted this meaning of After discussing the

network element. And they have. If you look in the TRO order, which is the triennial review order -- again, may I approach?

COMM. DOWNES: Yes.

MR. MOREIRA: -- paragraphs
56 through 60 of the triennial review
order -- I only give you 56 because it hits
the point very succinctly -- they conclude in
defining or interpreting 153-29 that a
network element refers -- and there's two
pieces to it -- an element of the incumbent
LEC's network that is capable of being used
to provide a telecommunications service.
Thus, under the ECC test, there's two pieces

Thus, under the FCC test, there's two pieces.Just as a threshold matter to even define it

as a network element, it's got to be part of the telecommunication -- my network, the

18 incumbent's network, number one; and then

number two, it has to meet the FCC'scapability test which is further defined. It

21 has to be capable of providing

22 telecommunications services.

23 If, as you take a look, as 24 I've proffered earlier, it is not part of my 25 network; it cannot be unbundled. Currently telecommunications, it's connected to your network and it's easily called into service, if it meets those standards, then it is subject to unbundling.

Is it connected to your network and easily called into service? And that is right in your own draft decision on page 36, of which you have a copy. Up at the top you have two paragraphs of which you use the UNE remand order from the FCC's UNE remand order.

In that paragraph, the second paragraph, they talk about the copper spool and how, if you said, well, just simply using capability, that would be much too broad. They say a copper spool in and of itself is capable, but if you define that as UNE, that is too broad. But then they say, well, dark fiber is different, and here's what we mean by capability, it is physically connected to the incumbent's network and easily called into service.

Our facilities, our co-ax facilities, do not meet that standard, do not meet that rationale. It is not easily called

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Page 22

there is no evidence before this Department that indicates in any way that the coaxial facilities that are on those poles are connected to my network. That goes as to the first piece. It's not part of my network in any way. I don't use it. I can't use it. I can't turn it on. There's nothing I can do

7 can't turn it on. There's nothing I can do
8 with it. It's just out there, an inanimate
9 object.
10 As to the second piece, which

As to the second piece, which is the FCC's capability test, and the FCC put this capability test in and you guys discuss it at length in the draft decision, not to address this specific situation, but they put it in to address areas where you have spare facilities that are part of your network but may not actually be in use. For instance, the ILECs had argued that dark fiber was not a UNE because it was not actually in use at the time, dark fiber being a piece of fiber that has no equipment on it, but I can do that pretty quickly. We had argued, Hey,

into service; it is not connected to my network; it is not part of my network. So from our perspective, there is no way as a

from our perspective, there is no way as a matter of law that you can define this as a potyeric element in the first instance to

network element in the first instance toallow you to get to unbundling. And that, we

submit, is a fatal error that must be reconciled in any final decision.

Second, in the draft decision, and actually throughout it, the Department relies on the UNE remand order in fashioning its impairment analysis and in fashioning the impairment standard. It relies on the UNE remand order. May I approach?

THE CHAIRPERSON: Of course.

MR. MOREIRA: And I just
bracketed on pages 30 and 31 there's a long
discussion on UNE remand, and then on
pages 40 and 41, which I've highlighted for
you, there's a more in-depth or a more firm
upholding of the UNE remand order. And
specifically on pages 40 and 41, the
Department recites the UNE remand order's
impairment standard and says that it

Page 25

that's not actually in use; it's not a UNE.

FCC said, oh, no, I've got this capability

test. As long as it's capable of carrying

Page 26 Page 28 specifically agrees with it. That standard, 1 vacated in USTA versus FCC. however, was vacated in the D.C. Circuit's 2 So we request that the USTA decision. It was explicitly rejected 3 Department follow the impairment standard and vacated. 4 that exists currently in the TRO only. And just for your reference, 5 COMM. DOWNES: Now, this the USTA decision is 290(F)3RD 415, and I go 6 seems to indicate that the -- that the D.C. to the specific page just to read it into the 7 circuit sent this decision back to the FCC record -- I know sometimes it gets a little 8 and asked them to -- asked them to reconsider monotonous to have someone do that -- on 9 and perhaps do some other things here. Has, page 428 of USTA it specifically says: 10 in fact, the FCC responded to that remand "Because the Commission's concept of 11 order yet? impairing costs disparity is so broad and 12 MR. MOREIRA: Yes, they have. unrooted in any analysis of the competing 13 That's the triennial review order, and that's values at stake in implementation of the Act. 14 what you're looking at right there. we cannot uphold even the two nonuniversal 15 COMM. DOWNES: I see. mandates adopted by the Commission for 16 MR. MOREIRA: That is a circuit switches and packet switches." They 17 summary of the FCC -- that's in their initial reject the entire impairment analysis in 18 summary section of their triennial review 19 order summarizing what has happened In the draft decision on 20 procedurally. page 35 in footnote 100 the Department 21 COMM. DOWNES: Okay. disagrees with our contention that USTA 22 MR. MOREIRA: They say, Hey, vacated that, as does Gemini. 23 this was vacated, necessitating the triennial 24 review order with this new impairment However -- may I approach 25 standard that we hand down in that order. So Page 27 Page 29 COMM. DOWNES: Yes, 1 what we suggest here is any reference to UNE remand order impairment needs to be removed MR. MOREIRA: Thank you. 2 COMM. DOWNES: Thank you, 3 from any final decision; otherwise, it's an 4 error as a matter of law because of what the 5 MR. MOREIRA: In the current law is, is whatever the impairment 6 standard is in the triennial review order. triennial review order, on page 28, paragraph 31, so let's say you don't want to 7 COMM. DOWNES: And the TRO, I 8 take it, implemented a new impairment believe the telco, in paragraph 31 the FCC 9 standard? recognizes itself that the D.C. circuit in 10 MR. MOREIRA: Implemented, USTA did just that, it vacated the impairment 11 exactly, a new impairment standard. standard. It says that right in the COMM. DOWNES: And how does 12 highlighted section of paragraph 31. the new impairment standard differ from the So we submit again to you 13 old one? that any final decision cannot rely on the 14 MR. MOREIRA: Well, it varies UNE remand order's impairment standard. In 15 greatly. I mean, it has multiple steps which USTA it was specifically rejected. That 16 really go to a factual matter, but it has specific paragraph that the Department agrees 17 18 multiple concepts that are not allowed in TRO with was rejected in the context of line sharing in the USTA decision. It 19 that you adopt in your decision, and I'll get

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to them. I think I can explain if you allow

different standard, nevertheless.

me to continue with my argument. But it is a

Here's -- this leads right

into my next argument. The Department's

draft decision is inconsistent with current

specifically found that reading the "seeks to

impairment in this case, is an unreasonable

reading of the Act. The FCC recognizes that,

offer," which is exactly how Gemini gets

and in paragraph 31 they say, Hey, we

recognize that the UNE remand order was

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again?

sir.

federal law, which is the triennial review order and USTA. Those are the two decisions that quide us on unbundling because that's the existing law. You have the D.C. Circuit in USTA which forces the FCC to do TRO, then you now have TRO which is currently the law of the land on unbundling. Whether we like

It is inconsistent with federal law. And let me explain why. First of all, what you see there, the red coaxial facilities, were not discussed in the triennial review order.

it or not, that's what it is.

14 Nowhere will you find where the FCC has said 15 those facilities need to be unbundled or need 16 not be unbundled. You won't find it. Those

17 specific facilities are not even called a 18 loop in the sense as we know it in the

telecommunications industry. They refer to 19

20 them as intermodal loops because they

21 recognize one is an Apple and one is an IBM. They're different kinds of loops. They're

22 23 quasi-loops, I'll grant you that, but they're

not a loop in the sense of

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25 telecommunications.

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Rocky Hill doesn't have its own central office, but it's got remote terminals that then feed into that. That's the hybrid loop that they discuss in TRO, not this stuff here (indicating).

The Department recognizes that it's not discussed in the draft decision, and I believe on page 37 the draft decision says, We recognize that it is not discussed, but at the same time then says we think it's the equivalent of the hybrid loop that's up there. It then doesn't give any real rationale as to why it's an equivalent. We tend to think it is not.

Let's assume for purposes of argument that it is an equivalent. Even if it were an equivalent, in the triennial review order on page 176, paragraph 296, the FCC says: If you have these hybrid loops. ILEC, you have to unbundle only a narrow-band path, but if you want, at your own discretion, you can run a copper loop, and that's good enough to meet the unbundling standard. You don't even need to give them access to that. If you give them a copper

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In the FCC's triennial review order they talk about three loops. They talk about -- because that's what this whole case is about, really, the loop setting -- they talk about copper based loops; they talk about hybrid loops; and they talk about fiber to the home loops.

In the tnennial review order, copper loops have to be unbundled really to the furthest extent because it is a legacy-based network and they believe that it sends the best investment signals to unbundle the copper.

As to hybrid loops, which are a little different -- and may I? -- a hybrid loop -- I don't know what I did with my pens -- a hybrid loop generally speaking will come from a central office -- I'll draw it down here. You'll get fiber from the central office to a remote terminal -- am I right there, terminal? -- and then from the remote terminal you'll have the same copper setting and, in essence, extends the reach of the central office, is all it does, you know,

kind of like the Rocky Hill case because

Page 33 loop, you don't need to provide them the hybrid loop.

> May I approach? THE CHAIRPERSON: Uh-huh. MR. MOREIRA: Yes. It's on

the next page, bottom of the first page, and on the next page it's called a "home run loop." So as long as the telco provides a home run loop, I don't even need to provide them a hybrid loop, and if that's the case, there is no way that our coaxial facilities that are outside the unbundling of those is consistent with the law, presuming for the moment that they are an equivalent, which we do not think they are. That's the first inconsistency with current federal law on triennial review.

Next, throughout the draft decision, particularly on pages 41 and 42 of which I will provide copies to you, the Department finds that Gemini meets the impairment standard, and it's really the only way you can get there because, at least in the Department's mind, they meet the impairment standard because accessing our

Page 34 Page 36 1 completely inconsistent on impairment as to 2 what the law is for unbundling. 3 Basically what we're saying 4

here in this argument is if I've got all my 5 blue stuff unbundled and I meet all the rules 6 and regulations to unbundle it, how could 7 you, as a matter of law, be impaired? That's 8 what we're saying there. So your business 9 plan doesn't matter. What kind of equipment 10 you use, that's your business. What we have 11 here is what we have unbundled, and if it's 12 not good enough for you, well, then you have 13 to build it on your own. If it's good 14 enough, then use it. But you can't look at 15 what they're using to find impairment. You've got to look at what's out there and 16 17 what other people are accessing every day.

That's our argument there. In addition, in the draft decision the Department looks at what are the benefits to unbundling this specific coaxial facility? The Department finds that this would be good for competition. The Department finds that if we unbundle this, Gemini will spend millions of dollars in

current unbundled facilities would force Gemini to destroy its cable modem business plan. That's the argument of meeting impairment, i.e., our facilities are not good enough, our facilities don't match their Apple, our IBM doesn't match their Apple,

7 therefore they're useless to them, and they 8 are impaired. 9

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May I approach? COMM. DOWNES: Uh-huh. MR. MOREIRA: And I've

highlighted the specific portions where that argument is made in the draft decision by the Department.

COMM. DOWNES: Thank you. MR. MOREIRA: That

business-specific analysis, that analysis

that says, Hey, let's look at Gemini, see what their business plan is, and if they're impaired based on their specific business plan, was specifically rejected in the USTA decision and again in the triennial review

23 order. 24

In USTA when they were talking about the line sharing order, the FCC 25

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1 tried to uphold it by saying, Hey, I've 2 looked at this statute. It's what they seek 3 to offer. The DSL companies seek to offer 4

DSL without access to line sharing. They can't do it. They therefore are impaired.

The D.C. Circuit said that's unreasonable. The D.C. Circuit said, Hey, you've got to look at a lot of other factors, and that is a much too narrow a reading of unbundling rules. That's what they said in USTA.

In triennial review -- and I'm looking for something here -- the FCC recognized in paragraph 115 that they will no longer look at a business-specific -business plan specific view of impairment.

And I have it here, and I'll bring it up in a 17 18 second.

(Pause.)

19 20 MR. MOREIRA: Well, I have it 21 but I can't locate it. Paragraph 115 of the

22 triennial review order, please take a look at

23 it. They specifically reject a

24 business-specific analysis, and that's what

25 the Department does here. So that makes it Page 37

investments to make this a going network. However -- and those are all fine things from a public policy perspective,

but, number one, they don't get you impairment; and number two, that goes directly -- well, it only is half the

analysis is probably the best way to look at it.

In USTA the district -- the D.C. Circuit specifically said you have to balance the benefits of unbundling against the costs of unbundling. The draft decision nowhere covers what the costs of unbundling are, and there are serious costs.

Whenever you unbundle something and you force someone to share something, you've now created a disincentive for that given company to invest in future assets, take more chances and saying, well, gee, we tried HFC and that didn't work. Well, am I going to try fiber to the home? Well, maybe not. Hey, am I going to try PDQ technology that Cisco came out with? Maybe not, because if I have to share my investment with a competitor who doesn't have to spend

Page 38 any money, I may not invest in that and just 1 couldn't order me to unbundle it just because stay with the status quo. And the USTA 2 I owned it. You could only order me to 3 decision covers that and says, Hey, you have unbundle something that's actually part of my 4 to balance both. network, my telephone company's network. 5 I'm not telling you here, 6 although I think you know where I think the balance falls, but that balancing analysis 7 still needs to be carried out in the 8 decision, and it wasn't carried out. 9 10 Next, the Department relies 10 11 on its own independent state unbundling 11 12 authority to unbundle these coaxial 12 13 facilities, and in the TRO the FCC says, yes, 13 14 states can unbundle -- again, I don't 14 15 necessarily agree with it -- but states can 15 16 unbundle under their own independent state 16 17 authority so long as it is consistent with 17 18 what we say here. So if we say "X," and then 18 you do opposite of "X," you can't do that, 19 20 but as long as it's consistent with what we 20 technical feasibility. 21 say here, you can do it. 21 22 The state's unbundling 22 23 statute is 16-247(b)(a). May I approach? 23 24 THE CHAIRPERSON: You may. 24 25 COMM. DOWNES: Thank you. 25 Page 39

Second, you would only unbundle if it's technically feasible of being tanffed. We haven't even addressed technical feasibility in this draft decision. We have not had a hearing to address the merits, so I think both parties agree, at least in principle, at least in broad theory, no one really knows how to unbundle. Gemini will argue we don't need to unbundle, we'll take the whole thing. That's our method of unbundling. Having said that, how do I share this network on a nondiscriminatory basis and tariff it, as I'm required to do by statute. if nobody knows how? We certainly should be afforded an opportunity to demonstrate

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Lastly, in the TRO and in all the other FCC unbundling decisions, the FCC defines the component parts of our network that can be unbundled. So, for instance, they define the loop, which I showed to you

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1 MR. MOREIRA: (b)(a) is where 2 we have, the DPUC has its authority to 3 unbundle. It's the only location it can go, and it has to strictly follow whatever the 4 5 statute says. And the statute says, whether 6 on a petition or on its own motion, the 7 Department can initiate a proceeding -- this 8 one is a petition -- to unbundle a -- these 9 are critical words here -- telephone 10 company's network, services and functions. In this case it's network, so telephone 11 company's network that are used to provide 12 13 telecommunication services, which the Department determines after noticing hearing, 14 another critical word, that are in the public 15 interest consistent with federal law and 16 17 technically feasible. There's multiple elements, 18 but the elements that I really want to cover 19 20 are telephone company's network. Yes, you 21 can unbundle anything within my network. 22 This is not within my network. Under state 23 law you can't unbundle this. 24

So if I bought a cable

company tomorrow, Telemedia in Waterbury, you

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distribution mainframe to the house, right to that little box on the side of your house. That constitutes a loop. They talk about subloops, which will be a piece of that. It typically has a specific point that you could attach to that allows you to make that differential. They talk about transport, which would be central office to central office. They talk about switching. They talk about other things, but generally speaking those are the broad brush strokes of

components that can be unbundled.

earlier which really goes from the

I don't know, and I don't think anybody knows, what this is. When I say "what this is", I'm talking about the red stuff. It's not a loop because it doesn't go from my central office mainframe or even from my central office directly to somebody's house. It's not that. It's not transport. It doesn't go from central office to central office. It's not a subloop because it doesn't meet the subloop definition in 47 CFR 51.319. It doesn't meet that

definition. It's not switching. Well, if

it's none of those things, you then have to create some other kind of element, of which I do not know what it exists or what we would call it, which is a problem in and of itself.

If it doesn't meet any of those standards, how are you consistent with federal law when we don't even know how to characterize it? As best as I can tell, they're trying to create some form of footprint to allow them to continue their cable modem business, but what that footprint is and what it constitutes, I have no idea under what federal law has defined for telecommunication services. I just don't know.

Those are the main pure legal issues where I can say, hey, take a look at this statute or, hey, take a look at this case. But there are others, and the other issues, I'd like to characterize them. They're just as critical but they're more procedural in nature. And we address this in our written exceptions.

We submit that in this draft decision the Department, I believe

obtaining permits, et cetera. There's four or five elements that are broad that they cover as to when something should or should not be impaired. They say, Hey, they meet all that evidence, but there's been no evidence presented factual or otherwise in this docket, none whatsoever.

We agreed not to have a hearing because we thought it was addressing solely the legal issues. We still believe there's warranted a factual hearing to address, do they meet any of these criteria as a factual matter?

And, secondly, we are also entitled to establish that this is technically unfeasible, factually, because if it is, it is a defense to unbundle. If it's not, then it would be unbundled. Those issues need to be addressed in a factual hearing, as opposed to the legal issues which were addressed.

And we believe that we would be upheld on requiring a hearing because 16-247(b)(a) requires just such a hearing. Lastly, from a procedural

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unintentionally, went a little further than what the scope had permitted. The scope was laid out on February 10, 2003 in a Department letter ruling where the Department says, basically, that they are in agreement with SNET that this case should be bifurcated. We will address the legal issues here, and then we will proceed accordingly. Because there were substantial legal issues. Does the Department have jurisdiction, independent jurisdiction to unbundle? Are these kind of elements or these components even subject to unbundling in a broad perspective? Does Gemini have standing -- and I use the word "standing" only because I couldn't figure out a better word -- does it have standing to even establish impairment as a matter of law? 

The Department went beyond that in this decision. The Department said, yes, Gemini meets all those standards. Yes, we have jurisdiction. Yes, these elements are subject to unbundling, but then said, hey, as a factual matter, it meets the TRO's impairment standard, which talks about first mover advantages, sunk costs. It talks about

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perspective, the Department -- and I've been talking a long time, and I'm sure I've even bored myself -- from a procedural perspective, the Department had an implementation order which we just believe is

implementation order which we just believe is unrealistic. Let's presume I'm wrong on all of these things and you decide to go forward.

The Department ordered that we

have an inventory by February 1, 2003. The Department ordered that cost studies be prepared by May 1, 2003. And then we have an operational OSS in place by June 1, 2004. And I used the wrong numbers. It's 2004 for all of those. We cannot meet any of those deadlines.

With the winter, it's going to take us about 8,000 man hours to do the inventory of the 3000-plus miles that are out there. There is no way we can get it done by February 1. We would ask that that be moved, extended out, certainly to at least April 30. Hopefully, we can get it done by then.

As to the cost studies,

Gemini, in its written exceptions, threw a big monkey wrench into this because presuming

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1 we lose, we do believe this has to be priced 2 at TSLRIC. To be priced at TSLRIC we need to 3 define exactly what the element is so that 4 then you can go out and do the pricing. 5 There's no way we can meet by May 1 that

6 deadline without having those specifics in 7 place, and Gemini doesn't even want TSLRIC

8 used. 9

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I think they, even based on what I read, implicitly would like it close to nothing, because from their perspective this was abandoned and they think we should use a completely different pricing methodology based on some technical meetings that we would have.

We don't have a problem with technical meetings, but whatever it's going to be priced at, even though we don't think TSLRIC is a fair pricing, we have to follow TSLRIC for UNE pricing if we ever got to that. We pray and hope that you'll change vour mind.

As to the OSS, no one knows of any vendor that even has built an OSS for HFC type facilities because cable companies

600,000 estimate, but we certainly could live with half, but there needs to be a letter of credit, and we expect and would prefer a letter of credit, as well, for the OSS because that's not going to be an inexpensive task as well.

I think I've covered all the issues. I've made a big mess, and I appreciate your time very much. Thank you,

10 THE CHAIRPERSON: Attorney 11 Moreira, that was very impressive.

> COMM. DOWNES: Certainly was. THE CHAIRPERSON: Attorney

14 Janelle.

15 MS. JANELLE: Good morning, 16 Commissioners.

17 THE CHAIRPERSON: Good 18 morning.

> MS. JANELLE: Jennifer Janelle from Murtha Cullina on behalf of Gemini Networks.

I think I'm going to start this morning by saying obviously Gemini came to the Department seeking to have the HFC network of SBC unbundled, and in this case

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don't have to share their networks. No one has ever developed it. It probably would have been developed if Lucent and Nortel kept going on the HFC path. They never did. So there's no OSS. We'll have to find someone who's willing to do it and get them to build it. I know in this technological age it's doable, but it's certainly going to take some time, and June 1 is just not a realistic time frame.

Assuming that, our last points really go to -- let's assume you think I'm all wet on all of these things and you want to just proceed. With respect to the inventory, which we do agree should be split, we would prefer that they pay for all but split seems reasonable to us, we request that they give us a revokable letter of credit to pay for their share of the inventory, at a minimum.

We would prefer that they put all of it up front to make sure they don't walk away and then we are left holding the bag if they decide not to use this network. We would prefer for the total

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the Department did exactly what is required of it by both federal and state law.

All of the issues raised here today, all of the legal issues pointed out by Attorney Moreira, have been raised in this proceeding. They've been briefed, briefed again. There have been written comments filed, and the Department has adequately addressed them all in its draft decision. I am going to rebut, obviously, and point out a few things with respect to some of the things that Attorney Moreira has said, but we believe that jurisdiction as to unbundling is clear and that the Department appropriately applied the law.

I am going to start, though, with the one sentence that I heard this morning that I can say that Gemini absolutely agrees with, and that is that in this case the Department went beyond the scope of what this phase was supposed to be about.

In response to SBC's motion to bifurcate this proceeding, the Department ruled that phase one was going to be limited 25, \_to the issues surrounding unbundling, and

that's what Gemini briefed, and we were told that issues surrounding cost of service and inventory would be dealt with in a subsequent phase.

So we didn't present any evidence on those issues, and, in fact, the discovery we requested with respect to those issues was denied, and we were told that those issues would be taken up in phase two. And then the draft decision came out, and we were somewhat surprised to see that there were rulings with respect to payment for cost of service, inventory and OSS.

And, unfortunately, if the draft is finalized as it stands with those rulings, with respect to payment for cost of service, OSS and inventory, it's really going to be a loss, and a loss for everyone, because Gemini cannot proceed to utilize this network with those kinds of up-front costs. And we believe that these were inadvertent rulings with unintended consequences by the Department, and I want to just take a minute and explain our position on that and what we sort of intended would happen as part of the

to hold that against you, too.

MS. JANELLE: Please don't. The OSS that SBC is talking about is an OSS that's going to handle the installation, the billing, the maintenance for the millions of twisted pair lines that run independently to everybody's home. We're not talking about these lines. We're not talking about these separate individual pieces. Attorney Moreira is correct. We don't need an OSS to do this.

We're talking about the red.
We're talking about the network that goes
from pole to pole. It's not consisted of
individual twisted pairs. It's a pipeline.
It's bandwidth. And what we have proposed is
that we would lease that bandwidth on a
per-mile basis.

And by leasing it on a per-mile basis, the OSS can be as simple as somebody sitting down at a word processor and saying, you've leased a thousand miles; it's ten dollars per mile, which is the figure I heard and that sounds good to me, so, therefore, please send us your money. A thousand miles times ten dollars, that's the

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phase two.

I'll talk about the three issues separately: The cost of service, the inventory and the OSS.

And I'll start with the OSS. We've spoken with our consultant and we've been told that development of the OSS, and I think what Attorney Moreira has said, he would agree with this, it's going to be in excess of \$5 million, \$5 million before we start, \$5 million before the network is activated, \$5 million before we can use it. That's a competitive barrier. That's a barrier to market entry for Gemini and also we believe for any other company that would seek to utilize this network to provide competitive services to customers.

The second point with respect to the OSS, as envisioned by the draft and by SBC, is that it's entirely unnecessary, and I feel a little bit of a disadvantage because I don't draw and I don't have handouts, but I'm going to rely a little bit on Attorney Moreira's diagram.

THE CHAIRPERSON: We're going

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bill. That's the OSS that's needed.

As far as maintenance and repair, Gemini has submitted in this proceeding that it will maintain the network. It will upgrade the network. It will repair the network. There's no need for SNET to dispatch technicians to do that. And that also places SNET in the unique position of being able to lease a broken, useless, worthless piece of equipment, which is how they've characterized it, and get back at the end of the lease period a fully functional, upgraded network at absolutely no cost to them; functional and available to lease to the next party that comes through the door that wants to lease it.

And the best analogy I can give you would be if you owned a house and it had a hole in the roof and a crack in the foundation and clapboard siding falling off, and I move into your house. And I pay you rent of \$500 a month, and I replace the roof, I fix the foundation and I put up brand-new vinyl siding, all while I'm paying you \$500 a month, and the upgrades and repairs at my

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sole cost. Then I move out. Well, the next 1 2 person that moves in, you've got a beautiful, 3 near brand-new house that you can rent out 4 for a lot more money at absolutely no cost to 5 you and only profit. And that's what we've 6 proposed in this proceeding, and that's why 7 an OSS, as envisioned by SBC, is absolutely 8 unnecessary.

This leads me to the issue of

10 we don't know how to unbundle this. We've 11 got to provide nondiscriminatory access to 12 everybody who wants to use it, and I would 13 submit that, again, we have -- we do intend, 14 we would like to lease the whole thing. Is 15 that going to happen from day one? I don't 16 know. I can't say. That's something that's 17 got to be worked out at the conclusion of 18 this proceeding. But it's conceivable to 19 Gemini that they could lease maybe the HFC 20 network in Hartford and some other company 21 could lease the HFC network in Fairfield. 22 You can have multiple companies using 23 portions of this network, different portions 24 of the network in different areas of the 25 state, and that can be accomplished through

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1 I think it's being made far more complicated
2 than it needs to be.

Number two. With respect to the inventory, again, we think that this, number one, is wholly unnecessary in this proceeding. The fact is that SBC has the inventory. They have a complete inventory of the HFC network with an approximately 94 percent degree of accuracy.

On May 1 of 2001, SBC filed its compliance plan in Docket Number 00-08-14, where they were giving up the network. As part of that compliance plan they had a complete valuation of the network done by Arthur Andersen. There is a complete inventory of this network as of May 1, 2001. Now, SBC has made statements that, well, we've been taking parts down; we haven't kept records; and that's true. During SBC's appeal of the Department's order that they stopped taking down the network, with representatives of the Department and the Attorney General's Office present, and I believe Consumer Counsel was there also, SBC stated that they had removed a little less

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unbundling.

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2 And as far as the contention that this network needs to be made available, 3 4 the same piece, to multiple users, I submit 5 that that's not true. And the reason is, you can look at, for instance, dark fiber. Dark 6 7 fiber is a UNE. Dark fiber is available to 8 anyone who asks for it, but if a company 9 comes in and asks for dark fiber and there's none available because it's all being used, 10 SBC doesn't go out and construct new dark 11 fiber for this person or this company. They 12 say, We're sorry, there is no more available. 13 And that is the exact same situation that can 14 be applied to the HFC network in this 15 proceeding.

16 17 If Gemini is leasing it in 18 Hartford, and another company comes along and says, we'd like to use it. I'm sorry, it's 19 20 being used. It's not available. And if 21 CableVision or another company is utilizing 22 the HFC network in Fairfield and Gemini says. 23 we'd like to lease it in Fairfield. The 24 answer is, I'm sorry, it's not currently 25 available. This is a workable situation, and

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than 200 miles of the network.

THE CHAIRPERSON: This is an appeal in court.

MS. JANELLE: I'm sorry. The appeal across the plaza in Superior Court. Two hundred miles out of a 3,196-mile network is approximately 6 percent.

So if we accept the inventory that currently exists, there's a 6-percent margin of error, and Gemini is willing to accept that risk. We think that during our buildout and our upgrade and our maintenance, obviously we will discover that 6 percent that's missing.

Now, as to anything that's been removed from that time to the present, the stipulation that resolved that appeal in Superior Court required SBC to keep very detailed records of what's being removed, also keep the as-built plans for the network, so we know that those exist also. And Gemini has a right to inspect and make sure that those records are being kept, and we, in fact, did send an engineer to SBC and we have confirmed that those records are being kept.